

16 December 1983

Organization and Mission - Field

AIR FORCE SATELLITE CONTROL FACILITY (AFSCF)

This regulation prescribes the mission of the Air Force Satellite Control Facility (AFSCF) Sunnyvale AFS CA 94086.

1. AUTHORITY SOURCE FOR CONTENTS:  
AFSCR 23-9.

2. TERMS EXPLAINED:

a. AFSCF. An Air Force organization constituted by HQ Air Force Systems Command (AFSC) Special Order G-52, 21 June 1965, assigned Organization Level Code 5 (Wing level) by AFSC Special Order G-85, 14 August 1968.

b. AFSCF Network or Satellite Control Network. Their personnel, real property, installed communications and instrumentation equipment, communication lines, and other resources which let AFSCF perform tracking, commanding, and telemetry read-out of orbiting satellites.

c. Satellite Test Center (STC). The AFSCF installation located at Sunnyvale Air Force Station (SAFS), California, where centralized operational control of satellite operations is performed.

d. Detachments. Subordinate organization element that provide support of test operations.

3. MISSION. Plans, designs, develops, procures, installs, and checks out satellite control and recovery systems, equipment, computer software programs, and facilities to support research and development test of DOD space and missile programs; conducts systems tests by realtime on-orbit tracking, command, and control (and recovery, when required) of DOD space vehicles, and provides postflight evaluations.

4. ORGANIZATION. A subordinate organization of Space Division (SD) operationally supporting SD and other DOD and Federal agencies. Organized with the headquarters at Sunnyvale AFS and subordinate units are:

6594th Air Base Squadron, Sunnyvale AFS  
CA

Det 1 AFSCF, Vandenberg AFB, CA

Det 2 AFSCF, New Boston AFS, NH

Det 3 AFSCF, Thule Air Base, Greenland

Det 4 AFSCF, Mahe Island, Seychelles

Det 5 AFSCF, Anderson Air Force Base,  
Guam

Det 6 AFSCF, Kaena Point, HI

OL-AE, Oakhanger, England

6594th Test Group, Hickam AFB, HI

The internal organization is prescribed in the AFSCF Organization and Functions (O&F) Chart Book.

5. RESPONSIBILITIES. The commander is directly responsible to the Deputy Commander for Launch and Control Systems (SD/CF) in matters of development and operation of the Satellite Control Network, according to the assigned mission. Specifically, AFSCF will:

a. Manage the development and operation of a ground environment and an aerial recovery system to support on-orbit multisatellite operations and recovery.

Supersedes SDR 23-3, 30 Aug 1982. (See signature page for summary of changes.)

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b. Provide direction, control, and evaluation of allocated resources to ensure a timely and responsive capability to support satellite on-orbit requirements.

c. Accomplish planning, programming budgeting, technical training, and coordinating activities for the orderly development and effective operation.

d. Manage system engineering and technical direction support efforts of the Aerospace Corporation Satellite Control Directorate.

e. Plan and manage the logistics program, including the development and implementation of maintenance and supply support concepts, and provisioning of maintenance and support equipment relevant to technical operating, technical support, and technical maintenance equipment for the Satellite Control Network.

f. Provide management and technical direction for the overall quality program and conduct Government quality control administration over the installation, integration, and maintenance activities of the Satellite Control Network.

g. Provide an appropriate contracting and manufacturing capability to support the assigned mission.

h. Manage system development and provide technical guidance to contractors to ensure effective use of Air Force resources and monies.

i. Determine orbital and recovery support resource requirements for current and future space programs while starting support plans and development concepts to achieve required support.

j. Provide on-orbit tracking, telemetry, command and control, data processing, and secure communications for DOD space and missile programs.

k. Provide a capability to manage operational aspects and exercise real-time operational control of the Satellite Control Network in the conduct of operations.

l. Provide for the development, training, and maintenance of a recovery force, operationally ready, capable of aerial and surface recovery of reentry parts of satellite systems.

m. Provide technical support to the Directorate of Special Projects (OSAF), as required.

n. Provide a field test force to plan, start, and report on-orbit test operations in support of assigned programs or projects.

#### 6. RELATIONSHIPS TO OTHER UNITS OR AGENCIES:

a. Communications. AFSCF is authorized direct communication with other major commands, military departments, and Government agencies on matters involving satellite control operations and on non-policy and nonpositional matters pertaining to the technical aspects of their mission. All other communications are to be directed to Space Division.

b. Base and Staff Support. AFSCF is supported by 6592d Air Base Group and the SD Staff at Los Angeles AFS, and by the 6594th Air Base Squadron at Sunnyvale AFS.

OFFICIAL

FORREST S. MCCARTNEY, Lt Gen, USAF  
Commander

NORMA L. K. MOKUAU, Lt Col, USAF  
Director of Administration

#### SUMMARY OF CHANGES

This revision changes responsibility to: The AFSCF Commander is responsible to the Deputy Commander for Launch and Control Systems (SD/CF) in all matters pertaining to the development and operation of the Satellite Control Network, according to the assigned mission (para 5). Deletes special instructions (para 6c).